# Approved For Release 2002/08/14 : CIA-RDP83-00415R00120002006728 "totain to CIA Library CLASSIFICATION CRUTY CENTRAL INTELLIGENCE AGENCY REPORT NO. INFORMATION REPORT 25X1 Germany (Russian/American Zones) DATE DISTR. 20 August 1948 Elektrobau Sondershausen Ordering Equipment NO. OF PAGES 2 from Amzon Firms 25X1 2 Attachments 25X1 NO. OF ENCLS. (LISTED BELOW) 25X1 SUPPLEMENT TO REPORT NO. THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE RATIONAL DEFENSE TO PER MULTICO STATES WITHIN THE MEANING OF THE ESPIONACE ACT SO D. S. C. 31 AND 32. AS AMERICAD. IN STANSMISSION OF THE REVIEWTON OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROMISTED ON LAW REPRODUCTION OF THIS FORM IS PROMISTED. NOT. NOT. AS DESIGN MICHAEL THE MODY OF THE FORM MAY BE UTILIZED AS DESIGN MICHAEL THE MODY OF THE FORM MAY BE UTILIZED TO THE MECHANICAL AGENCY. THIS IS UNEVALUATED INFORMATION FOR THE RESEARCH USE OF TRAINED INTELLIGENCE ANALYSTS

Elektrobau Sondershausen, seeking instruments for its mobile truck laboratory L connected with the Wasserfall rocket, has had its purchasing agent, Herr (fmu) Grötsch, contact German firms in four American Zone cities. The firms and individuals concerned are:

Hartmann und Braun, Königsstrasse 97

COUNTRY

SUBJECT

PLACE ACQUIRED

DATE OF IT

SOURCE

Frankfurt/Main

Herr Bertl, Einkaufsleiter Herr Dotzert, Verkaufsleiter Dipl. Ing. Müller, Tech. Leiter

Rohde und Schwarz, Tassiloplatz 7 Herr Truger

Munich

Bopp und Reuther, (street address unknown)
Herr Kolb, chief of sales

Mannheim

Firma Schenk, (Street address unknown)

Darmstadt

- $\mathbb{Z}^{4}$ All these firms were visited by Grötsch during the week 10-17 June. He had last visited Hartmann und Braun in Frankfurt/Main on 28 May.
- Making his initial appearance at Bopp & Reuther, Mannheim, Grötsch pretended to come from the British Zone. He ordered two water clocks (Wasseruhren) with 3, writing and reading devices (Schreib- und Ablese Vorrichtung), for water up to a temperature of 50°C, with oval wheel dials (Radzähler). One ton of aluminum bars was offered as berter. After the currency reform in Amzon, Grötsch telephoned Mannheim, alleging that he was visiting relatives in the Russian Zone, and asked if the new money would affect his order. Bopp & Reuther informed him that only the new Deutsche Mark would be accepted, and that the instruments would cost DM 1,000 each.
- In Darmstadt, Grötsch sought a Tisch-Rittel-Prüfstand, a measuring device formerly produced by Heinrich List, Berlin-Teltow. List no longer makes these stands because of lack of rawmaterial flow Sweden. Two such stands are already in the possession of Elektrobau Sondershausen, one inherited from the Institut Rabe. Knowing that the order was from EBS, Fa, Schenk insisted

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that it be made to appear as stemming from an American or British Zone customer. Ing. (fmu) Lacher, employed by the Siemens Apparatebas, Frankfurt/Main, was emgaged as middleman. Lacher originally was sent west by EBS to found a cover firm which would handle such deals, but took the Siemens job instead. He was formerly at Institut Rabe. It is not believed that the Siemens company knows anything about this transaction. Fa. Schenk has been offered an unknown quantity of 400 and 500 watt lamps for this order.

At Rohde & Schwarz in Munich, contracts were made to furnish EBS with the following items (it is not known whether or not the firm realizes that the devices are intended for EBS):

2 precision-frequency Wheatstone bridges, measuring range 100 to 20,000 Henry.

2 precision self-induction Wheatstone bridges, measuring range 1 milli to 10 milli Henry.

1 precision sound generator with control quartz, measuring range 100 to 20,000 Henry to be delivered with permanent quartz guided measuring range or filtered measuring range. (It is not yet known which of these is desired by EBS).

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Comment: "Rohde 3: Schwarz agreed to deliver when the currency reform had been finished."

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- During his 28 May visit to Hartmann & Braum in Frankfurt/Main, Grötsch sounded the firm on the possibility of making and delivering thirteen types of instruments (Listed as Attachment I). Eight of them were beyond the firm's capabilities; of these, three were later contracted for in Munich (i.e., the three listed under Paragraph 5 above).
- On his return visit, 10-17 June, Hartmann & Braum agreed to deliver what they could produce, provided barter terms could be arranged involving aluminum and copper bars. Grötsch admitted that he had been instructed that such items could not be delivered to potential enemies. Grötsch repeated his barter offer of bicycles and suiting material. (Cf. Attachment I, item 13)
- At this time Grötsch added an order for a Schreibende elektrische Messgerüte vorm RC mit Drehspuhlmessgerüt L-40901 and 40954, both with Uhrwerk "D". Hartmann & Braun could not guarantee delivery of this device, formerly produced at their Homberg branch. They are to notify EBS of inquiries into the matter by mail sent through an unwitting accomplice, Heinrich Schade, Kassel, Ihringshausen, Wilhelmstrasse 3.
- 9. Grötsch telephoned Dotzert of Hartmann & Braun on 23 June to check the effect of the Amzon currency reform on the order. He was told that barter terms were out, and that only Deutsche Mark would be accepted. Buring this talk, Grötsch insisted that EBS get the order within three weeks. He planned to visit Frankfurt/Main about 30 June with DM 5,000 supplied by Technical Bureau 11.
- Attachment I is a list of instruments desired by EBS. Attachment II provides data on a ballistic galvanometer needed by EBS.

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ATTACHMENT I

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List of instruments sought at Hartmann u. Braun, Frankfurt/Main, by purchasing agent of Elektrobau Sondershausen.

#### On Order

- 1. Precision ammeter for direct current (combined) with measuring range 1 mA; 2 mA; 10 mA; 30 mA; 100 mA; 300 mA; 1A; 3A; 10A; 100 A; accuracy 9.2%. Two instruments required. Delivery No. IIIaV 21011.
- 2. Electrostatic voltmeter for direct and alternating current 150 V, current consumption at 50 Hz 5 x 10 A; at 5,000 Hz 5 x 10 A; scale interval begins at 50 V. Two instruments required. Delivery No. SKA 24701.

## For Possible Production but Not Contracted For

- Precision voltmeter for Gleichspanning, combined, with measuring range 10 mA; 60 mA; 100 mV up to 1,000 V. Accuracy 0.2%. Two instruments wanted. Can be delivered with different measuring range of 150 mV and 300 V.
- Precision Wheatstone bridge. Measuring range 0.1 1.00,000 Ohm, accuracy 0.5%. Two required. Can be delivered in different measuring range from 0.1 Ohm.
- Frecision capacity Wheatstone bridge, measuring range 10 pF 10 uF. Two wanted.

## Cannot Be Delivered by Hartmann u. Braun

- 6. Precision ammeter for alternating current to 500 Hz with measuring range 1 mA; 2 mA; 10 mA; 30 mA; 100 mA; 300 mA; 1A; 3A; 10A; 100A. Accuracy 0.23. Two wonted. (Not made since 1942)
- Precision voltmeter for alternating current to 500 Hz with measuring range 10 ma; 60 ma; 100 mV to 1,000 V. Accuracy 0.2%. Two wanted. (HaB claimed these instruments had not been made before).
- 3. Items 8, 9 and 10 appear as Paragraph 5 of the attached report.
  They had never been produced by Hartmann und Braun, The EBS agent later contracted for these at Rohde und Schwarz in Munich.
- Tonfrequenz Röhrenvoltmeter, type Phillips, 10-10,000 Hz with measurements 0-1 V; 0.3 V; 1V; 3V; 10V; 30V; 100V; 300V. Entrance resistance 2M Ohm. Two required. Never made by H&B. To be sought at Munich.
- All at 800 Ohm and 16 x 10-9 A at 5 Ohm. Two wanted.

#### Pending

or 10-6A, were wanted, Hartmann und Braum possess only a display model, damaged by bombing and repaired by Frankfurt/Main University. Lack of machinery prevents reproduction of this device. The Russians ordered the agent to steal it. He refused, The Russians then began to try and find barter goods in Weimar which might persuade Hartmann und Braum to give up the instrument. Highty bicycles and 200 meters of suiting material have been allotted to this project. (CF Paragraph 7 of report.)

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\*AFTACHMENT-II · -

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Data on Hartmann und Braun ballistic galvanometer desired by Elektrobau Sondershausen. (GF. item 13, Attachment I)

#### Hartmann u. Braun TIPE HL st 2b L Nr. 1048

Bei ballistischen Messungen 1 Skalenteil -Voltsekunden x 10 -6 about Ampereskunden x 10 -6 bei vorgeschalteten Grenzwiderstand bei affener aperiodisc: aussere Sekunden **Eicklung** Grenzwiderstand Ĵ. a.2 0,5 500 1,000 28 ballistisch u ψ, 10 50 0 I a., 04 1/.0 500 3,000 3.3 nochmal **I**I 0.,85 7 5

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